BlackDiamond 6808 Fan Tray Installation Note

This installation note describes removing and installing the fan tray in the BlackDiamond® 6808 chassis. The fan tray is hot-swappable. You do not need to turn off power to a BlackDiamond 6808 switch to replace the fan tray.

Caution: Only trained service personnel should perform service to BlackDiamond fan trays. Before installing or removing any components, or carrying out any maintenance procedures, read Appendix A of the Extreme Networks Consolidated Hardware Guide*.*

Removing the BlackDiamond 6808 Fan Tray

You can access the BlackDiamond 6808 fan tray from the rear of the chassis.

To remove the BlackDiamond 6808 fan tray:

1. Attach the ESD strap that is provided to your wrist and connect the metal end to the ground receptacle that is located on the top-left corner of the switch front panel.
2. Use a #1 Phillips screwdriver to unscrew the ten screws that secure the fan tray to the rear of the chassis. Put the screws aside in a safe place.
3. Grasp the edges of the fan tray and pull it out of the chassis approximately ½ inch (12.7 mm), as shown in Figure 1. This action disconnects power to the fan tray.

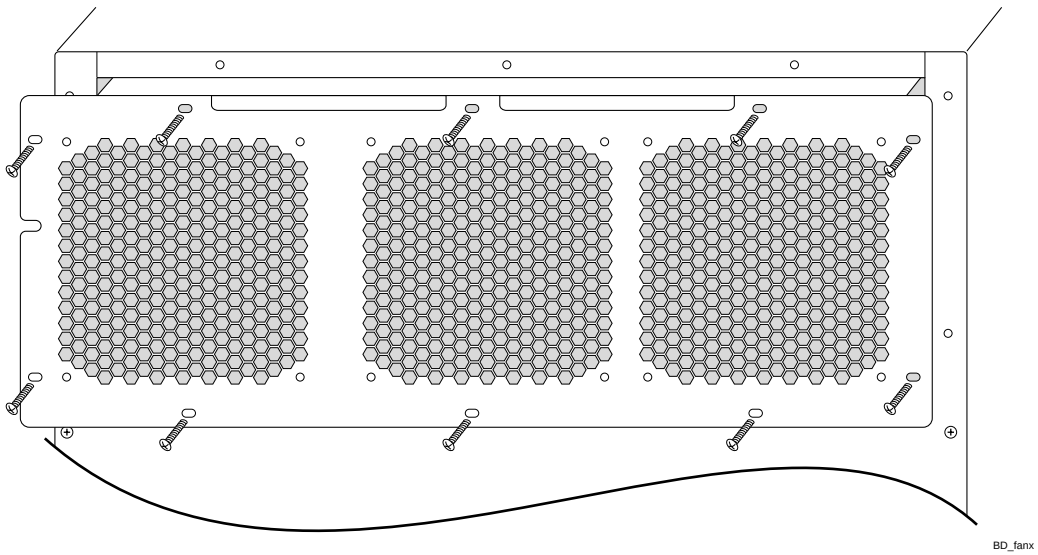

Figure 1: Removing the BlackDiamond 6808 fan tray

4 Allow the fan blades to stop spinning before removing the fan tray completely.

Warning: Keep your hands your away from rotating fan blades.

5 Repeat this procedure for additional fan trays, if applicable.

6 Leave the ESD strap permanently connected to the chassis, so that it is always available when you need to handle ESD-sensitive components.

Installing the BlackDiamond 6808 Fan Tray

To install the BlackDiamond 6808 fan tray:

1 Attach the ESD strap that is provided to your wrist and connect the metal end to the ground receptacle that is located on the top-left corner of the switch front panel.

2 Gently begin to insert the new fan tray into the bay using the guidepins on either side of the fan tray.

Note: If the chassis is powered on, the fan blades will begin turning as soon as the tray makes contact with the backplane.

3 To secure the fan tray, use the screws you saved and turn the screws clockwise until they become tight.

4 Leave the ESD strap permanently connected to the chassis, so that it is always available when you need to handle ESD-sensitive components.